

Get to 36!

Materials:

Fraction Cards: Set of unit fraction cards (2 sets of each: halves, fourths, thirds, sixths, eighths)

Variety of Counters: such as paper clips, beans, pennies, buttons, plastic animals, toothpicks, cubes, color tiles

Numbers on Index Cards: 9, 12, 12, 15, 16, 18, 18, 24, 24, 32, 36, 36) There is a total of 12 index cards.

Directions:

1. This game can be played with partners versus partners or one player versus one player.
2. Get to 36 Fraction Cards are turned face down!
3. Each player (or team) selects one of the index cards.
4. Take the number of counters indicated on the index card.
5. Decide which player goes first.
6. Player 1 selects one **Get to 36!** Card.
7. Player 1 determines if he/she can equally partition or divide the set of counters into the fractional part indicated on the card. Player must partition collection into equal sets, if possible. There can be no leftovers.
8. If player 1 is able to do this, the player receives the number of points equal to the number in one set.

Example: If player 1 has a container of 12 objects and draws a *fourth*, the player partitions the 12 objects into four groups.



9. Player 1 will receive 3 points (number of objects in one set).
10. If a player is not able to create equal sets, the player will receive 0 points.
11. After each play, player should return fractional part cards to the bottom of the stack of cards.
12. Player 2 selects a game card.

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13. Player 2 determines if he/she can equally partition the set of counters into the fractional part indicated on the card.
14. Player 2 should follow the rules above.
15. After both players have played four rounds, each player should return the objects and the counters.
16. Both players must take a new index and different counters.
17. Continue playing the game
18. The winner is the player who scores 36 points first.

Version 2

Play 4 rounds and the higher score wins.